

Listings of claims:

1. (Currently Amended) A method for initializing a customer premises telecommunications hub having a link to a central office comprising:

obtaining a configuration file name and a domain name of a TFTP file server from a DHCP server in a central office,

obtaining a configuration file, including a first **binary control software** file name, from the TFTP file server, and

creating a second **control software binary** file name by combining a model ID identifying the model of the hub with at least part of the first **control software binary** file name.

2. (Currently Amended) A method according to Claim 1, wherein:

said first **control software binary** file name includes a prefix identifying a model number, and said step of creating a second **control software binary** file name comprises replacing the prefix of said first **control software binary** file name with a prefix comprising the model number of said hub.

3. (Currently Amended) A method according to Claim 1, further comprising:

obtaining a **control software binary** file having the second **control software binary** file name from the TFTP file server.

4. (Currently Amended) A method according to claim 3, further comprising:  
comparing the name of said **control software binary** file to said second **control software** binary file name.
5. (Currently Amended) A method according to claim 4, further comprising:  
loading said **control software binary** file into a first flash memory partition in said hub and designating said first partition as the active partition.
6. (Currently Amended) A method according to Claim 5 further comprising:  
rebooting said hub with said **control software binary** file in said first flash memory partition.
7. (Currently Amended) A method according to Claim 6 wherein:  
said **control software binary** file is stored in compressed form in said first flash memory partition, and on rebooting, said file is expanded and loaded into RAM for operating said hub.
8. (Currently Amended) A method according to Claim 1, further comprising:  
checking said first **control software binary** file name for the presence of a suffix identifying it as a binary file name, and, if such suffix is not present, adding a suffix identifying said first **control software binary** file name as a binary file name.

9. (Original) A method according to Claim 1, further comprising:  
obtaining an IP address of a domain name server from said DHCP server in said central office, and

obtaining an IP address of said TFTP server from said domain name server.

10. (Currently Amended) A method for providing **control software binary** code to a customer premises telecommunications hub having a link to a central office comprising:

upon rebooting of the hub, sending a DHCP request to a central office DHCP server;

sending a configuration file name and a domain name of a TFTP server from the central office DHCP server to the hub;

sending a request for the configuration file from the hub to the TFTP server,

sending the configuration file, including a first **control software binary** file name, from the TFTP server to the hub, and

creating a second **control software binary** file name by combining a model ID identifying the model of the hub with at least part of the first **control software binary** file name.

11. (Currently Amended) The method of Claim 10 wherein:  
said first control software binary file name includes a prefix identifying a model number, and said step of creating a second control software binary file name comprises replacing the prefix of said first control software binary file name with a prefix comprising the model number of said hub.

12. (Currently Amended) The method of Claim 10, further comprising:  
sending a request for the control software binary file having said second control software binary file name from the hub to a configuration file server, and  
sending the control software binary file having said second control software binary file name from the configuration file server to the hub.

13. (Currently Amended) The method of Claim 12 further comprising:  
comparing the name of said control software binary file to said second control software binary file name.

14. (Currently Amended) The method according to claim 13, further comprising:  
loading said control software binary file into a first flash memory partition in said hub and designating said first partition as the active partition.

15. (Currently Amended) The method according to claim 14, further comprising:  
rebooting said hub with said **control software binary** file in said first flash memory  
partition.

16. (Currently Amended) The method according to Claim 15 wherein:  
said **control software binary** file is stored in compressed form in said first flash  
memory partition, and on rebooting, said file is expanded and loaded into RAM for  
operating said hub.

17. (Currently Amended) The method according to Claim 16, further comprising:  
checking said first **control software binary** file name for the presence of a suffix  
identifying it as a binary file name, and, if such suffix is not present, adding a suffix  
identifying said first **control software binary** file name as a binary file name.

18. (Currently Amended) The method according to Claim 4 10, further  
comprising:  
obtaining an IP address of a domain name server from said DHCP server in said  
central office, and  
obtaining an IP address of said TFTP server from said domain name server.